

PASTURING GREEN SORGHUM.

By Judicious Management the Danger to Cattle From Eating the Growing Cane May Be Prevented.

In all localities where stock raising is carried on in conjunction with farming, more or less loss is suffered each year by cattle eating growing sorghum, and Sherman county has not been free from such misfortunes. In some sections this danger has become so serious that the growing of sorghum has practically been abandoned. The following report of an experiment conducted at the State Agricultural college, at Manhattan, Kan., in pasturing cattle on green sorghum throws some light on the matter:

"By the last of June the tame grass pasture at the Kansas experiment station had become so short and dry that the milch cows could not get even a maintenance ration from it. In an adjoining field was 13 acres of sorghum. About one-half of this (six acres) was fenced off to furnish pasture for the 27 head of dairy cows, including two dry cows, and two head of yearling heifers. The cows were turned out on the sorghum July 1. For the first week the cows were given their fill of alfalfa hay before turning on the sorghum. The first day the cows were left on the sorghum just 15 minutes, the second day 30 minutes, the third day 45 minutes, and so on, increasing 15 minutes per day until the time reached one hour and a half. Since then they have had free access to the field. After the first week the cows were fed no hay except what they would pick out of the racks in passing to and from the barn where they were milked and watered.

"The college cows were turned on the green sorghum with a knowledge of the fact that under certain conditions and with certain animals growing sorghum would cause death. At first two men went with the cows to watch for the first symptoms of anything unusual and our state veterinarian was near by in case anything should happen. For 17 days (up to the present writing) we have not experienced a particle of trouble. This does not mean that we may not nor does it mean that any one following the above method may not have trouble. Nevertheless, judging from our experience and the experience of others who have pastured sorghum successfully we are of the opinion that a great deal of the trouble that comes from so-called sorghum poisoning is the result of injudicious management. Cows are too often turned on sorghum with empty stomachs and they gorge themselves, or when first turned into a sorghum field they are left there for a day at a time.

"So far the experience of the Kansas experiment station in pasturing sorghum is very satisfactory. On July 17 the dairy herd, with practically no alfalfa and after a terrific seige of hot weather and fierce flies, produced a total yield of only four pounds less milk than on July 1, when the herd was on tame grass pasture with all the alfalfa hay the cows would eat. This small field of about six acres, although severely pastured during the last 17 days of extremely hot weather, gives every indication of lasting a month longer.

"The other field of seven acres has been reserved until the sorghum heads out, when the herd will be turned into it and a comparison made between young growing sorghum and headed sorghum as pasture for dairy cows."

No Danger from Parasites.

There seems little danger from importation of parasites. With parasitic and predatory insects the food habits are definite and fixed. They can live on nothing but their natural food, and in its absence they die. The Australian ladybird originally imported, for example, will feed upon nothing but scale insects of a particular genus, and, as a matter of fact, as soon as the fitted scales became scarce the California officials had the greatest difficulty in keeping the little beetles alive, and were actually obliged to cultivate for food the very insects which they were formerly so anxious to wipe out of existence. With the Scutellista parasite the same fact holds. The fly itself does not feed, and its young feed only upon certain scale insects, and so with all the rest.—Everybody's Magazine.

Economic Value of Birds.

It is averred that the destruction of birds in France has produced disastrous effects upon agriculture, horticulture and the grape industry. In the department of Herault alone, it has been calculated, the destruction of birds accustomed to feed upon insects costs a loss of more than 2,000,000 gallons of wine every year. Some birds consume about 600 insects each daily, and a single insect-eating species, *Monieus Levati* estimates, may be the means of saving 3,200 grains of wheat and 1,150 grapes per day.—Nature.

He Took It For Leaks.

The Amateur Gardener—My garden is getting awfully dry.

The Humorist—How do you expect it to hold water when you planted leaks in it?—Judge.

See the Wizard throughout 1901.

A GOODLAND MAN WON.

William Walker, Jr., drew No. 2,115 in the Lagoon District, Tuesday Afternoon.

Billy Walker was one of the lucky ones in the drawing for Indian lands at El Reno, for he drew No. 2,115 in the Lagoon district Tuesday afternoon.

In all about 15 people from Goodland registered for the drawing, but as yet Mr. Walker has been the only one to draw a claim. He returned from Oklahoma last week and was in Goodland when he heard of his good fortune. Mr. Walker will leave for Lawton Sunday when he will file on his land, and he will also buy some lots in Lawton.

Meldrow.

R. A. Smith lost one of his work horses recently. It was thought eating too much green wheat was the cause.

John Johnson began threshing at his place Friday. He was threshing at J. W. Turner's Monday and Tuesday.

J. G. Jackson and C. E. Payson were exercising their vocal chords to the strains of "Larboard Watch" and "Way Down in the Old Palmetto State" one day recently.

Clyde Dillinger was taken quite sick Wednesday and on Friday he went to Goodland to see a doctor.

E. W. Albright heard of some straw for sale and one day last week he started out to make the purchase before daylight. While he was looking at the stacks another early riser came along and bought the straw.

Miss Fannie Albright has made an application for a school in Union township.

O. E. Butler hauled a load of coal out from Brewster Saturday for the Harrier Valley creamery.

The annual school meetings came off Thursday and there was a good attendance at all the school houses in this vicinity. In the Muldrow district G. A. O'Neil was re-elected director, and W. J. Koon was elected clerk to fill an unexpired term. A seven months' school was voted. In the New Hope district R. A. Smith was elected director and a six months' term agreed upon.

T. S. McDaniel was at Colby Thursday.

Although showers have fallen on all sides of us, this immediate vicinity is still dry and everything is scorching from the heat, blinking at the blinding rays and sweltering in the red hot sun.

W. J. Koon will go to Pennsylvania some time in September to visit his father.

Charley Hartley returned home from Thomas county recently where he has been at work harvesting.

Will Turner and Kyle Mann went east last week to hunt for work.

Clyde Dillinger has hired out to work for Will Stone.

B. P. Wells returned from the east Saturday. He was out to the league Sunday evening in proper style with his best girl.

Mr. and Mrs. Walter Wilson have some relatives from Anderson county, Kan., visiting with them at present.

There was a large crowd present at the Epworth League Sunday evening. Mr. D. Robinson was the leader. Among those present from afar were Ed Heston, Miss Alta Standish and others from the Edison neighborhood, the Misses Lebars and Miss Ruby Moore, of Brewster, and Miss Fannie Moore, of Northfield.

W. J. Koon took a load of wheat to Colby Monday, returning home Tuesday.

Jess Gilbert is working on the Edison section.

Word has just reached us that Jim Hartley lost 20 head of cattle by eating cane.

The Epworth League social, which was to have been held at E. W. Albright's Tuesday evening, was postponed until Wednesday evening on account of the rain.

Brewster.

John Horney is at present engaged in building a large frame barn. J. A. Horney is assisting at the carpenter work.

Miss Grace Barnett, of Goodland, was visiting with her friend, Miss Florence Shackelford, last week.

C. Harding, living on the Shellenbarger place, had the misfortune to lose 16 head of cattle on one day last week. Mr. Harding was away at the time at El Reno to participate in the land drawing.

Rev. Shackelford filled his regular appointment at this place Sunday.

A heavy shower struck this vicinity Saturday afternoon. It was accompanied by a heavy gust of wind. A bug was blown away and as it passed under a clothesline the top and seat were torn off. One end of John Horney's new barn was moved off the foundation about six feet. Another buggy belonging to J. A. Horney had a head-end collision with a barn before it came to a halt.

The Moore family, formerly living southeast of town, have taken up their residence in the hotel property at this place.

A small consignment of watermelons received by the merchants at this place were disposed of at the enormous price of 40 cents per melon.

Robert Hopkins is the most popular man in town. It is rumored that he is contemplating organizing a bracket brigade for the purpose of dispensing water to the overheated and to keep in practice at the art of water throwing so as to be able to cope with some of his feminine friends who have become adept at the said art.

McFletcher, C. E. Payson, Mr. T. S. McDaniel and Albert Grimes, of the Meldrow neighborhood, were caught in the rain here Saturday.

For trunks, valises, telescopes, a big assortment at the Wizard's.

LOCAL AND GENERAL.

The Wizard.
Mon's fancy shirts at Millissack's.

Buy your coal of Wheatley at Scott's old stand.

Rooms for rent in Sharp building.—Dr. Thomas.

For Sale—Folding bed. Call at Dr. Thomas' office.

Found—A hitch strap. Owner call at Republic office.

The Wizard's grocery man is a hustler. He don't sleep.

The street crossings are being banked up with dirt.

See those \$2.50 and \$3 fine dress shoes at the Wizard's.

The White barber shop is being repapered and decorated.

Wash dress goods in great profusion of styles at Millissack's.

H. F. Wheatley keeps all kinds of coal at Scott's old stand.

For the best in men's work gloves see the line at Millissack's.

Ladies' shirt waists, another big invoice just in, at Millissack's.

Dunham, the photographer, will be here again August 2, 3 and 4.

Go to Millissack's for any kind or style of work and dress gloves.

Lennox, Canon City and hard coal at the Scott yard. H. F. Wheatley.

School and county warrants wanted for cash or trade.—C. M. Millissack.

Ice delivered for the season. Leave orders at George Hoopes' market.

The city water tank was emptied Wednesday and received a cleaning.

The new century business at the Wizard's is away ahead of that of 1900.

Thos. F. Leonard has a new sign on the glass front of his real estate office.

Men's overalls from 50 cents up, biggest line in this part of the state, at Millissack's.

New fall dress goods and other stuff coming in daily. Come and see them at Millissack's.

The warm, up to date styles in men's hats, shoes, neckwear, collars and cuffs at Millissack's.

Buggies, wagons and farm implements of all kinds at cost.—Walker Implement Co.

Bring your price lists to Millissack's grocery department and compare goods and prices.

Ribbons! Ribbons! The biggest assortments in colors, styles and qualities at Millissack's.

The Western Hay Windrower, attached to any mower, for sale by Walker Implement company.

The correct styles and the best assortment of men's shirts, collars and neckwear at Millissack's.

Call on the Walker Implement Co. if you want anything in their line. Entire stock to go at cost.

The little boys are not forgotten here. You can get a nobby suit at easy prices at Millissack's.

A rare chance to secure a buggy or wagon cheap. Everything at first cost.—Walker Implement Co.

The first and last place to look for and buy men's, women's and children's overalls is at Millissack's.

Our soda fountain is in running order. For ice cream, summer drinks of all kinds, call at Kent's.

The Wizard's grocery department is your savings bank, the continuous small savings accruing daily.

Men's summer underwear—the cool kind—in good values at 25 cents, 50 cents and \$1.00 at Millissack's.

Get the Wizard's prices on groceries first, and you will get them last, because you know a good thing.

One more large invoice of satin and tulle ribbons just received from New York City at bargain prices.—Millissack.

Elegant assortment of ladies' overalls in nice styles at \$1 to \$2.50. Nice line of children's and misses' overalls at Millissack's.

Men's Hats—Have just received another invoice of men's hats, covering many of the present and later fall styles.—C. M. Millissack.

I have several extra good high grade bull calves for sale; old enough to wean; want to sell soon. Eleven miles south of Goodland.—W. M. Crawford.

Our lines of children's shoes comprises many times the assortment and quantity to be found anywhere else and lowest in price.—Millissack.

All families in town who wish to take roomers or boarders, for instance county high school pupils who would want a private place to stay and could not afford to pay hotel rates, please leave notice and terms at Republic office.

Send Wheat from Russia.

A consignment of 14,446 bushels of seed wheat from Odessa, Russia, arrived in Kansas City this week. It is intended to be used in improving Kansas wheat for making export flour. The wheat was put up in two bushel sacks and was over a month in coming. The cost of laying down the wheat in Kansas City was \$2.25 per bushel. J. Book-walter, of the Niland Grain company, has charge of the distribution.

Wanted to Trade.

I have a half section of land, all fenced and good improvements, eight miles from Goodland, county seat of Sherman county, Kansas, that I will trade for a small farm in eastern Kansas or northwest Missouri; or will trade for cattle or a good team of horses, harness and wagon in part. Address D. J. Goodall, Goodland, Kan.

The Best Prescription for Malaria.

Chills and fever is a bottle of Grove's Tasteless Chilli Tonic. It is simply iron and quinine in a tasteless form. No cure—no pay. Price 50c.

Standard Patterns.

Are the best made. For sale at Millissack's.

TOLD IN A LINE.

Magnanimity must be a leading trait of a truly great man.

The more we investigate nature, the more we enlarge the sum of our pleasures.

Ralph Waldo Emerson, when asked the question, "What is civilization?" replied, "The power of good women."

The Buffalo exposition will soon pass the 2,000,000 mark in attendance, and the big days are yet to come. It is clear that the world's fair spirit is still growing everywhere.

The rush to Oklahoma it is estimated will net the Rock Island railroad over \$2,000,000, and including all roads carrying passengers and material into that country the excess earnings on account of the opening will total \$5,000,000.

Roasting ears are in evidence in the market here. In spite of the drouth, in some parts of the county corn has come into ear so that farmers are bringing in the very desirable green corn in the ear. While corn has been used in the past for the drouth, it is now, in some parts, farmers report that the crop has not burned during the drouth.

A driver of a motor car returning from Biarritz to Paris recently found himself stranded near Etampes through his petrol supply giving out. As petrol was not to be obtained in Etampes, he tried the only spirit that was procurable, and filled up his tank with absinthe. He declares that the motor never ran better than with this improvised fuel.

Before the Anglo-Saxon race began civilized life the Egyptians and Chinese were hatching eggs in incubators. In those countries they are hatched in mud ovens kept at a proper temperature. These crude incubators are said to be very successful even to this day, and there has been very little improvement in them for centuries. Millions of chicks are hatched artificially by them each year.

A Missouri exchange says: "Boycott the trusts! That's the way to drive them out of business. Boycott the steel trust—be honest. Quit the soap trust—go direct. Boycott the tobacco trust—chew the rag. Quit the sugar trust—don't get sweet on anybody, male or female. Boycott the match trust—don't get married. Quit the whiskey trust—drink buttermilk and eat up tea. Quit the oil trust—the next word will be not enough to make up for any chillsiness in this one."

Probably it is not generally known among stockmen, with the exception of breeders of fancy stock, that Kansas City is almost in the center of the Hereford raising section of the United States. Missouri leads as a producer of these cattle, it is claimed, and Nebraska and Kansas are close up for second and third places. Missouri ranks first as a buyer, with Texas taking the next largest number. These facts being conceded it is easily understood how Kansas City forgoes to the front in the matter of public sales to such an extent as to surprise the entire cattle dealing world.

Marriages.

W. R. Morton, of Goodland, and Mrs. Elain Sanborn, of Denver, were married at St. Mark's church in Denver Thursday, July 26. Mrs. Sanborn was housekeeper at the Depot hotel in this city, of which Mr. Morton is manager. They will about a month ago. They will make their home at the hotel.

Lewis Collins, age 20, and Miss Nellie Thompson, age 21, were married by Probate Judge Calvert at six o'clock Monday evening. The contracting parties are both of Goodland.

W. A. Brown and Miss Ida Williamson, both of Colorado Springs, were married in the parlors of the Commercial hotel Tuesday at 11 o'clock by Probate Judge Calvert. Both gave their ages as 24.

480-Acre Ranch for Sale.

With 100 acres of feed, plenty water and outside range. Address owner, V. W. Goodrich, Goodland, Kan.

A "kid" baseball club from St. Francis played the Goodland "kid" nine on the home grounds yesterday.

Camille Jape is confined to his home undergoing treatment for inflammation of the hip joint. He injured his hip some time ago and the injury gradually grew worse. Drs. Smith and Golick made him an examination and put him under surgical treatment Monday.

"Potwalloper."

The parliamentary register for 1896 showed that there was then only one potwalloper in all England. One seeing the term for the first time might easily imagine that a potwalloper was a species of ichthyosaurus or some other reptile of a past age. It will be discovered upon inquiry, however, that the term "potwalloper" is literally one who boils a pot, and was applied to voters in certain boroughs of England, where before the passage of the reform bill of 1832 the qualification for suffrage was to have boiled (walloped) his own pot in the parish for six months.—N. Y. Tribune.

Counting His Chickens.

"Before I give my consent to your engagement to my daughter, what is your annual income?"

"Counting everything, sir, about \$4,000, as near as I can tell."

"Yes—hm—and added to this would be the \$3,000 income which I promised to settle on her, which would—"

"Yes, sir, yes—that is, if you don't mind, I've already counted that in."—N. Y. Times.

A Hygienic Precaution.

"Papa, what does mamma put that hole in the middle of the crullers for?"

"That makes 'em less indigestible, my boy."

"It does?"

"Yes, my son; there is less to eat, you know."—Yonkers Statesman.

PERSONAL NOTES.

Dr. W. H. Farrow returned Friday from Pueblo.

H. Thompson, of Norton, was in town this week.

Fred Melius left Saturday evening for a trip east.

Theodore Howard, of Colby, was in town Saturday.

Dr. G. R. Brown was a visitor in Denver this week.

A son was born to Mr. and Mrs. G. L. Calvert Wednesday.

Ed Cole spent several days last week in Burlington, Col.

Mrs. C. E. Bladison returned last week from a visit in Denver.

Harold Kemp is sick at the Hotel Ingersoll with appendicitis.

Mrs. E. C. Wiley returned Saturday from a visit in Phillipsburg.

"Jerry" Murphy, of Colby, was enjoying life in Goodland Sunday.

A son was born to Mr. and Mrs. J. C. Crum Wednesday; weight, ten pounds.

Mrs. E. H. Young returned Sunday from Denver where she visited a few days.

Misses Pearl and Manie Prewitt are spending a few days in Colorado Springs.

J. J. Warriner was at Colby Saturday and Sunday to visit his son, C. F. Warriner.

Mrs. Sanford Adams returned Sunday evening from an outing at Colorado Springs.

J. W. Penfold, owner of the flouring mills at Burlington, Col., was in Goodland yesterday.

Mrs. Weir, mother of Fireman John Weir, has gone to Harrisburg, Ontario, for an extended visit.

Fred Aten, of the Millissack store, is at Burlington, Ont., this week looking after his cattle ranch.

The White barber shop is now running three chairs. Joe Collins is in charge of the extra chair.

Misses Bessie and Anna Saxon returned Wednesday from an outing at Colorado mountain resorts.

"Dick" Hanlan and wife returned to their home in Pueblo Sunday after a visit with relatives in Goodland.

Miss Josephine Shubert, of Denver, a graduate nurse of the Red Cross society, is attending Engineer Fringle.

C. H. Price, of Jaqua, and John Brinkmeyer, of Lawn Ridge, Cheyenne county, were in Goodland Friday on business.

Rev. A. J. Good returned Saturday from San Francisco where he went to attend the Epworth League convention.

Mr. Hanlan, of Colorado City, Col., father of Mrs. D. E. Fringle, of the city, is visiting with his daughter and family.

Mrs. A. C. Adams and Mrs. A. C. Adams, Sr., returned Saturday evening from an outing at Colorado Springs and Manitou.

A. B. Montgomerie, of Denver, is expected to make a visit to Goodland this week, to look after some property interests here.

The ninth district Kansas Christian missionary convention will be held at the Christian church in this city, August 6, 7 and 8.

J. P. Wells, representing the Jenkins Music company, Kansas City, was in town this week and sold a Vose piano to J. D. Hartman.

C. C. Young, formerly of the brick house in this city, but who has been in Pueblo for some time, was here Wednesday evening.

Mrs. Smith, mother of Mrs. W. A. Bennie, arrived in Goodland yesterday from Minneapolis, Minn., for a visit with her daughter.

Mrs. H. H. Elliott left Saturday evening for Valley Falls, Kan., in response to a message stating that her daughter was dangerously ill.

Bonnie Cox, the little daughter of Mr. and Mrs. J. M. Cox, of Pueblo, is in town visiting her grandparents, Mr. and Mrs. E. Thorson.

T. P. Leonard returned Saturday from a two weeks' sojourn at Colorado mountain resorts. Mrs. Leonard returned home yesterday.

Lee Mathews and wife, of St. Francis passed through Goodland Saturday on their way to Colorado Springs for a visit with Mr. Mathews' father.

Mr. and Mrs. C. E. Swartz, Mr. and Mrs. B. F. Brown and A. F. Tupper will attend the "Kilgilt" Templar triennial convocation in Louisville, Ky., August 7.

Mrs. J. W. Peck and daughter, Miss Blanche Peck, will leave this week for an extended visit in the east. They will visit Baltimore, Philadelphia and the Buffalo exposition.

Rev. Crandall, of Chester, Neb., was in Goodland Sunday on his way to the mountains. His son was formerly a resident of Grant township, this county. Rev. Crandall made a brief visit with D. A. Long, of Kolaeton.

Marion Walker lost five head of cattle Wednesday from eating green cane. The cattle got away in the storm Tuesday evening and drifted south to the Murray place where they gorged themselves, resulting in the death of five.

Improvement in residence property is going on constantly in the city. E. J. Scott has enlarged his residence 18x24 feet. W. Coleman will build an addition 12x16 to his house, put up a new picket fence. W. L. White has finished the work on the Scott residence and will commence work on the Coleman house this week.

The Ladies' Aid Society of the Methodist church will give a concert and musicale in the church Friday evening, August 2. The best elocutionary and musical talent in the city have been asked to take part and the program will no doubt include many excellent selections. A small admission fee will be charged.

John Shreve, of Iowa township, returned yesterday from western Nebraska. He says no corn will be raised in the section he visited and he did not hear of a rain until he returned to Kansas. He says they are cutting up the corn to feed to stock as there is no feed in the pastures.

RAILROAD SPIKES.

Conductor George Buck was a visitor at Denver Monday.

Boilermakers Griffin and Morse were off duty Tuesday owing to